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United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

AUGUST, 1921.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

879—F. Chamberlain & Co. (Inc.), 21 T Wharf, Boston, Mass. (Office, 24 South Market Street, Boston, Mass.)

*478. Means Packing Co., Second Street and Lyon Avenue, Kansas City, Kans.

737. Robert L. Eby, Sixth and Oak Streets, Lebanon, Pa.

72—A. Western Meat Co., 666 Sixth Street, San Francisco, Calif. (Mail: Post Office, South San Francisco, Calif.)

*154. Bonner Meat Co., G. N. Industrial Spur, Sandpoint, Idaho. (Mail: 101 First Avenue.)

*926. A. Horhovitz, 353 Union Street, Trenton, N. J., effective September 12, 1921.

*Conducts slaughtering.

Meat Inspection Withdrawn.

158. Morristown Packing Co., Morristown, Tenn.
 998. Gorgin & Tyirin, 1907 Dunlap Street, Cincinnati, Ohio.
 215. U. S. Packing Co., 3114 Shields Avenue, Chicago, Ill.
 387. Colonial Food Products Corporation, 424 Third Avenue, Brooklyn, N. Y.

Changes in Names of Official Establishments.

- 1-D. Morris & Co., Pratt and Howard Streets, Baltimore, Md., instead of Nelson Morris & Co.
 *878. Pusey, Maynes, Breish Co., 3034-3036 Market Street, Philadelphia, Pa., instead of R. J. Maynes.
 *364. C. G. Kriel Co. and Charles G. Kriel, 7-21 West Henrietta Street, Baltimore, Md., instead of Charles G. Kriel.

Change in Address of Official Establishment.

935. Sterling Packing Co., 3114-3116 Shields Avenue, Chicago, Ill., instead of 2706 Poplar Avenue.

Station Added.

Sandpoint, Idaho, meat inspection, Dr. Harry C. Ingraham, care Bonner Meat Co.

Changes of Inspectors in Charge.

Nashville, Tenn., Dr. Birtwhistle McCormack, instead of Dr. W. C. Hamilton, jr.
 Nashville, Tenn., Dr. E. I. Smith, instead of Dr. J. E. Gibson, temporarily in charge.

Change of Address of Inspector in Charge.

Dr. A. E. Rishel, 140 Customhouse Building, New York, N. Y., instead of 116 Customhouse Building.

Notes.

Meat inspection extended at Establishment *20-C, Wilson & Co., Chicago, Ill., to include the Wilson Laboratories; Establishment *262, Joseph Campbell Co., Camden, N. J., to include Franco-American Food Co.

Correct bureau directory: (1) By inserting asterisk immediately preceding Establishment number 57-A on pages 29 and 56. (2) Remove "public stockyards and interstate inspection of cattle and horses" from lines of work under Dr. J. E. Gibson, temporarily in charge, Nashville, Tenn., and add it to line of work under Dr. E. F. Cary, Nashville, Tenn.

NOTICES REGARDING MEAT INSPECTION.**INSPECTION AND REPORTING OF HOG CARCASSES RETAINED ON ACCOUNT OF TUBERCULOSIS.**

Inspectors performing the final inspection of hogs retained on account of tuberculosis shall examine by incision all important body lymph glands of such carcasses, except as provided in paragraphs designated (a), (b), and (c) of this instruction.

(a) Incision of the body lymph glands may be omitted, provided careful inspection of the head and viscera shows no lesions other than those in the lymph glands of the head and mesenteries.

(b) Incision of the prescapular gland may be omitted, provided careful inspection shows the prepectoral gland and the thoracic pleura to be free of lesions.

(c) Incision of the precrural gland may be omitted, provided an examination of the superficial inguinal, sublumbar, and iliac glands shows them to be free of lesions.

The foregoing instructions supersede previous bureau instructions relating specifically to the examination of the important body lymph glands of hogs retained on account of tuberculosis.

In connection with the foregoing the instruction published in the Service and Regulatory Announcements for August, 1920, page 91, "M. I. Form 112-F Reports," is also modified by permitting omission of the word "slight" when reporting in three groups those retained carcasses found to have lesions in the cervical and mesenteric glands only.

THREADWORMS IN HOG TONGUES.

A threadworm of the genus *Gongylonema*, very similar to the common gullet worm, *Gongylonema scutatum*, of sheep and cattle, but of a different and as yet unnamed species, has been found commonly present not only in the weasands but also in the tongues of hogs coming from some sections of the United States. In order to remove these parasites from affected tongues in compliance with Meat Inspection Regulation 11, section 18, paragraph 1, the only practicable method that has been discovered is to strip off the mucosa, in which the worms are imbedded. This is readily accomplished by first scalding the tongues with water at a temperature of 145° F. or higher, and then drenching with cold water in a washer provided with baffles, similar to that used for scalding hog stomachs. All tongues in which these parasites are found should be subjected to this treatment or to some other appropriate treatment that will remove the worms and the affected tissue, namely, the mucosa.

As first shown by investigations in the Zoological Division, this swine gullet worm, like the gullet worm of sheep and cattle, passes its intermediate stage in various species of dung beetles and possibly in other insects. The worm eggs are passed out of the body of infested hogs in the feces and are swallowed by dung beetles. The larvæ of the gullet worm, hatching from the eggs, penetrate into the body cavity of the dung beetle and develop in a few weeks to an infective stage, which in turn is capable of developing to maturity when the infested beetle is swallowed by a hog.

COMMON ERRORS IN MEAT-INSPECTION REPORTS.

The meat-inspection reports forwarded to the Washington office contain certain errors which occur with great frequency. With a view to eliminating errors, the attention of clerks and others preparing the reports is directed to the following methods of checking, which should be carefully observed:

M. I. Form 112.—This report should be compared with the 112D reports to see that all carcasses passed without restriction, carcasses and parts passed for sterilization, and condemned carcasses and parts are properly entered on Form 112.

Suspect animals reported on the Form 112 as "died in pens" should *not* be reported again as found "dead or dying," nor should either of these classes of dead animals be reported as "condemned on ante-mortem inspection." The heading on Form 112, "Condemned on ante-mortem inspection," should be used only for reporting animals which are condemned ante mortem for some specific disease or condition, which disease or condition must be shown as the cause on the form. All condemned parts of carcasses or parts passed for sterilization, both from suspect and retained carcasses, must be included in the number of fresh parts shown on the form. Parts passed for sterilization and afterwards tanked for offal, because of no facilities for sterilization, or if for other reasons the management of an establishment does not care to take advantage of the regulations regarding sterilization, they should be reported on Form 112D as passed for sterilization and a notation should be made "Tanked for offal." These parts should be reported on Form 112 as condemned.

M. I. Form 130.—This form should be checked with the letterpress copies of the daily Form 112 series for the month to ascertain that the number of animals of each species shown on the Form 130 as suspected or as condemned on ante-mortem and post-mortem inspection and the number of carcasses passed for sterilization agree with the corresponding items as reported on the daily Form 112 series.

M. I. Form 114.—Form 114 report should also be compared with the Form 130 and the Form 112 series to check the correctness of the sterilization carcasses and parts shown as disposed of on the Form 114, as compared with the sterilization carcasses on the Form 130 and the sterilization parts as shown on the Form 112 series, and the carcasses and parts shown on the Form 114 as tanked for offal as compared with the num-

ber of carcasses shown condemned on the Form 130 plus the number of "deads" shown on the daily Form 112 and the number of parts shown condemned on the Form 112 series.

If any carcasses and parts, or condemned-on-reinspection product is held over from one month to the next for tanking, the Form 114 should have a notation to that effect, giving the number of carcasses, or parts and weight of the condemned-on-reinspection product so held.

M. I. Form 101.—This form should be rendered for the first and third Wednesdays of each month and be forwarded promptly to the Washington office.

M. I. Form 121.—Particular care should be taken to show the separate weights of each class of product reported on this form and also the country of final destination.

All export certificates issued in lieu shall be reported on a separate *M. I. Form 121*.

This report should show the city, number of establishment, and the number of the certificate for which it was issued in lieu. This report should be marked "Special."

M. I. Form 113.—Care should be taken to show the class of product condemned and that the weights of the condemned product agree with those reported tanked on the 114 report.

Employees should be impressed with the importance of increasing their efficiency and eliminating, so far as possible, errors in reports and the resulting correspondence.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, JULY, 1921.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	120,199	46,502	241,997	.....	471,638
Fort Worth.....	28,594	31,231	18,893	1	22,286
Kansas City.....	75,756	29,240	79,002	1	176,245
National Stock Yards.....	18,617	15,131	45,690	.....	75,627
Omaha.....	55,941	4,481	158,423	1	189,078
St. Louis.....	14,655	5,610	8,999	.....	116,751
Sioux City.....	16,569	1,000	6,016	.....	90,082
South St. Joseph.....	19,969	7,527	46,768	.....	131,074
South St. Paul.....	12,270	23,500	14,511	.....	110,702
All other establishments.....	216,458	159,824	439,603	116	1,437,133
Total: July, 1921.....	579,028	324,046	1,059,902	119	2,820,616
July, 1920.....	661,172	342,765	1,048,428	1,706	2,643,772
7 months ended July, 1921.....	4,216,755	2,322,226	7,303,080	3,039	23,909,589
7 months ended July, 1920.....	4,728,018	2,503,108	5,821,351	27,076	24,048,563

‡ Horses slaughtered at all establishments, July, 1921, 241.

§ Inspections of lard prepared at all establishments, 131,511,233 pounds; compound and other substitutes, 34,032,963 pounds. Corresponding inspections for July, 1920: Lard, 111,844,930 pounds; compound and other substitutes, 25,354,771 pounds.

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during July, 1921, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	1	.....	.....	1
Canada.....	5,077	189	1,413	1
Total: July, 1921.....	5,078	189	1,413	2
July, 1920.....	22,691	116	2,329	1,570
7 months ended July, 1921.....	86,742	833	15,649	219
7 months ended July, 1920.....	143,722	643	23,708	10,883

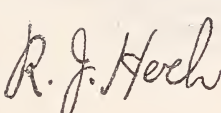
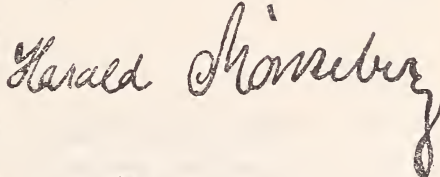


Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina.....				38,849	38,849
Canada.....	423,779	693,202	5,081		1,122,062
Uruguay.....			307,004	17,600	324,604
Other countries.....			6,142	9,526	15,668
Total: July, 1921.....	423,779	693,202	318,227	65,975	1,501,183
July, 1920.....	4,011,649	1,002,450	548,207	293,490	5,855,796
7 months ended July, 1921.....	14,342,472	33,021,472	1,590,269	1,045,532	49,999,745
7 months ended July, 1920.....	17,086,869	29,036,471	2,874,554	3,873,270	52,871,144

Refused entry in July, 1921: Beef, 288 pounds; pork, 80 pounds; total, 368 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name.	Signature.
CHINA.	
R. J. Hoch.	
DENMARK.	
Harald Morkeberg.	
C. F. Andersen.	
URUGUAY.	
Jose Amaro.	

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following change has been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein, horses, mules, and asses intended for export to Canada:

Name Added to List.

Dr. E. A. Ehmer, 1101 Westlake Avenue, North, Seattle, Wash.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

The following additions have been made to the list of licenses for the manufacture of veterinary biological products for the year 1921 under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 265):

License No.	Date.	Name and address of firm.	Products.
5	1921 Aug. 25	Parke, Davis & Co., Atwater and McDougall Streets, Detroit, Mich. (Mailing address: P. O. box 488.)	Autogenous bacterin.
84	Aug. 2	Grain Belt Supply Co., 4901 South Thirty-third Street, Omaha, Nebr.	Antihog-cholera serum; hog-cholera virus.
133	Aug. 1	The National Vaccine & Serum Co., 501 East Las Vegas Street, Colorado Springs, Colo.	Abortion vaccine (bovine).
149	Aug. 3	National Single Bled Serum Co., near Plainfield, Ind.	Antihog-cholera serum; hog-cholera virus.
162	Aug. 1	Monarch Biological Laboratories, rooms 602-607 Massachusetts Building, Eighth and Wall Streets, Kansas City, Mo. (Mailing address: 602 Massachusetts Building.)	Hemorrhagic-septicemia bacterin (cuniculi); hemorrhagic-septicemia bacterin (equine); white-scours mixed bacterin (bovine).
164	Aug. 5	Goshen Laboratories (Inc.), 34 St. John's Street, Goshen, N. Y.	Autogenous bacterin; bovine-abortion bacterin; bovine-abortion bacterin (mixed); bovine-abortion vaccine; calf-scour mixed bacterin; canine-distemper bacterin (mixed); equine-influenza bacterin (mixed); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (bovine); keratitis mixed bacterin (bovine); mastitis mixed bacterin (bovine); metritis mixed bacterin (bovine); mixed-infection bacterin (bovine); mixed-infection bacterin (swine); streptococcus mastitis bacterin (bovine); swine-plague bacterin.
165	Aug. 6	American Scientific Laboratories (Inc.), 157 West Kinzie Street, Chicago, Ill.	Autogenous bacterin; mixed bacterin (canine); mixed bacterin (cuniculine); mixed bacterin (ovine); mixed bacterin (porcine).
165	Aug. 18	American Scientific Laboratories (Inc.), 157 West Kinzie Street, Chicago, Ill.	Mixed bacterin (avian).
166	Aug. 10	Platte Valley Serum Co., West Second Street Road, Grand Island, Nebr.	Antihog-cholera serum; hog-cholera virus.

U. S. Veterinary License No. 84, issued April 4, 1921, to the Grain Belt Supply Co., 3215 L Street, Omaha, Nebr., was terminated August 2, 1921.

U. S. Veterinary License No. 140, issued January 21, 1921, to the Mitchell Serum Co., West Second Street Road, Grand Island, Nebr., was terminated August 10, 1921.

QUANTITIES OF ANTIHOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED DURING JULY, 1921.

Month.	Serum.			Simultaneous virus.		Hyperimmunizing virus.
	Ordinary.	Clear.	Total.	Ordinary.	Clear.	
July.....	c. c. 36, 492, 162	c. c. 3, 004, 254	c. c. 39, 496, 416	c. c. 1, 860, 814	c. c. None.	c. c. 9, 245, 894

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JULY, 1921.

Station.	States.	Tuberculin tests.			Total once-tested free herds.	Total accredited herds.	Total herds under supervision.	Inspector in charge.	State official.
		Herds or lots.	Cattle tested.	Re-tested.					
Albany.....	N. Y..	404	9,732	1,315	2,128	123	4,158	H. B. Leonard..	D. W. McLaury, Albany.
Atlanta.....	Ga....	12	1,554	69	1,183	8	1,417	A. L. Hirlleman.	P. F. Bahnsen, Atlanta.
Augusta.....	Me.....	234	1,741	25	2,013	488	3,021	J. B. Reidy.....	H. M. Tucker, Augusta.
Baltimore....	Md....	222	2,868	205	892	220	1,467	T. A. Ladson....	R. C. Reed, Baltimore.
Birmingham..	Ala....	52	1,825	17	376	54	482	C. J. Becker.....	C. A. Cary, Auburn.
Bismarck.....	N. Dak.	171	2,579	46	2,310	246	3,247	H. H. Cohenour..	W. F. Crewe, Bismarck.
Boise.....	Idaho..	93	1,555	25	2,481	64	2,880	W. A. Sullivan..	J. D. Adams, Boise.
Boston.....	Mass..	14	303	40	42	36	156	E. A. Crossman..	L. H. Howard, Boston.
Do.....	R. I....	1	23	10	9	6	24	.....do.....	T. E. Robinson, Providence.
Do.....	N. H....	23	314	15	107	22	225	.....do.....	A. L. Felker, Concord.
Charleston....	W. Va..	190	1,720	51	735	100	835	George W. Neff..	J. H. Stewart, Charleston.
Cheyenne.....	Wyo....	114	952	5	579	.....	691	John T. Dallas..	B. F. Davis, Cheyenne.
Chicago.....	Ill.....	258	3,788	221	576	232	1,258	J. J. Lintner	A. T. Peters, Springfield.
Columbia.....	S. C....	81	2,225	33	412	65	516	W. K. Lewis.....	W. K. Lewis, Columbia.
Columbus.....	Ohio....	252	3,577	144	1,105	469	2,188	Leo E. Davis....	T. A. Burnett, Columbus.
Des Moines....	Iowa....	569	10,786	712	1,521	204	2,598	F. H. Thompson..	P. Malcolm, Des Moines.
Fort Worth....	Tex....	34	2,277	64	122	12	187	H. Grafke.....	L. G. Cloud, Fort Worth.
Frankfort.....	Ky.....	222	2,382	77	1,404	109	1,742	W. F. Biles.....	W. C. Simmons, Frankfort.
Harrisburg....	Pa.....	287	4,193	296	835	592	2,070	P. E. Quinn.....	T. E. Munce, Harrisburg.
Hartford.....	Conn....	62	1,280	137	127	42	262	R. L. Smith.....	J. M. Whittlesey, Hartford.
Helena.....	Mont....	667	6,217	77	3,698	105	3,803	R. Snyder.....	W. J. Butler, Helena.
Indianapolis..	Ind.....	664	5,914	65	4,484	383	5,243	E. B. Haskin....	R. C. Julien, Indianapolis.
Jackson.....	Miss....	99	1,079	5	357	99	522	J. A. Barger.....	H. Chadwick, Jackson.
Jefferson City.	Mo.....	469	7,901	168	2,061	270	2,459	Ralph Graham..	D. F. Luckey, Jefferson City.
Lansing.....	Mich....	676	6,304	122	2,954	207	3,469	T. S. Rich.....	H. H. Halladay, Lansing.
Lincoln.....	Nebr....	311	4,133	108	985	101	1,744	C. H. Hays.....	W. T. Spencer, Lincoln.
Little Rock... Ark.....	.....	.....	.....	.....	39	22	69	W. E. Dodd.....	J. H. Bux, Little Rock.
Madison.....	Wis....	326	6,975	160	1,366	981	2,606	J. S. Healy.....	C. P. Norgord, Madison.
Montpelier....	Vt.....	449	6,216	617	1,870	607	2,989	A. J. De Fosset..	E. S. Brigham, Montpelier.
Nashville.....	Tenn....	83	1,532	35	400	169	611	J. E. Gibson....	G. R. White, Nashville.
New Orleans.. La.....	.....	30	924	9	223	34	256	R. W. Tuck.....	E. P. Flower, Baton Rouge.
Oklahoma.....	Okla....	9	1,897	52	485	39	1,072	C. F. Harrington.	J. A. Whitehurst, Oklahoma.
Olympia.....	Wash....	988	6,175	144	1,823	56	2,009	S. O. Fladness..	L. C. Pelton, Olympia.
Pierre.....	S. Dak..	91	2,158	99	368	57	587	J. O. Wilson....	A. E. Beaumont, Pierre.
Portland.....	Oreg....	829	5,588	94	4,717	92	5,295	S. B. Foster.....	W. H. Lytle, Salem.
Richmond.....	Va.....	235	3,303	119	923	563	1,811	R. E. Brookbank.	J. G. Ferneyhough, Richmond.
Do.....	N. C....	222	2,507	38	1,327	256	1,681	.....do.....	Wm. Moore, Raleigh.
St. Paul.....	Minn....	244	4,792	115	1,498	1,108	3,288	W. J. Fretz.....	C. E. Cotton, St. Paul.
Salt Lake City.	Utah....	533	2,951	16	3,319	42	3,787	F. E. Murray....	W. A. Stephensen, Salt Lake City.
Do.....	Nev....	173	937	7	1,070	4	1,393	.....do.....	Edward Record, Reno.

Station.	States.	Tuberculin tests.			Total once-tested free herds.	Total accredited herds.	Total herds under supervision.	Inspector in charge.	State official.
		Herds or lots.	Cattle tested.	Re-acted.					
Tallahassee...	Fla....	102	1,019	13	1,975	59	2,822	J. G. Fish.....	J. W. De Milly, Tallahassee.
Topeka.....	Kans..	58	1,498	28	278	211	638	H. M. Graefe....	J. H. Mercer, Topeka.
Trenton.....	N. J....	34	775	67	64	51	227	W. G. Middleton.	J. H. McNeil, Trenton.
Do.....	Del....	112	486	59	731	37	1,196	.....do.....	Wesley Webb, Dover.
Washington..	D. C....	1	22	2	141	194	340	J. A. Kiernan...	
Do. (Misc.)	D. C....	15	20	1				.....do.....	
Total.....		10,715	136,997	5,727	56,113	8,839	79,341		

HANDLING NONINFECTIOUS CATTLE EN ROUTE TO FORT PIERCE, FLA.

Inspectors are advised that the Florida East Coast Railway has provided facilities in accordance with section 4, Regulation 2, B. A. I. Order 273, for handling noninfectious cattle for feed, water, and rest en route at Fort Pierce, Fla. These noninfectious facilities have been authorized for use as indicated.

PLACES DESIGNATED BY THE BUREAU OF ANIMAL INDUSTRY AS PUBLIC STOCKYARDS.

Paragraph 9, section 1, Regulation 1, B. A. I. Order 273 designates the following-named places as public stockyards:

Albany, N. Y.....	New York Central Stock Yards, West Albany.
Atlanta, Ga.....	Miller Union Stock Yards.
Baltimore, Md.....	Union Stock Yards Co. of Baltimore County, Claremont.
Boston, Mass.....	Brighton Stock Yards Co.
Buffalo, N. Y.....	New York Central Stock Yards.
Chattanooga, Tenn.....	Foust-Yarnell Stock Yards.
Cheyenne, Wyo.....	Cheyenne Stock Yards Co. (Ltd.).
Chicago, Ill.....	Union Stock Yards & Transit Co.
Cincinnati, Ohio.....	Cincinnati Union Stock Yards Co.
Cleveland, Ohio.....	Cleveland Union Stock Yards Co.
Dayton, Ohio.....	Union Stock Yards Co.
Denver, Colo.....	The Denver Union Stock Yards Co.
Detroit, Mich.....	Michigan Central Railroad Co.
Fort Worth, Tex.....	The Fort Worth Stock Yards Co.
Indianapolis, Ind.....	The Belt Railroad & Stock Yards Co.
Jersey City, N. J.....	The Jersey City Stock Yards Co.
Kansas City, Kans.....	The Kansas City Stock Yards Co. of Maine.
Lancaster, Pa.....	Union Stock Yards.
Louisville, Ky.....	Bourbon Stock Yards Co.
Memphis, Tenn.....	Dixie National Stock Yards.
Do.....	South Memphis Stock Yards (Inc.).
Milwaukee, Wis.....	Milwaukee Stock Yards Co.
Montgomery, Ala.....	Union Stock Yards of Montgomery, Ala.
Nashville, Tenn.....	Nashville Union Stock Yards (Inc.).
National Stock Yards, Ill.....	St. Louis National Stock Yards.
Newark, N. J.....	Newark Stock Yards Co.
New Orleans, La.....	New Orleans Stock Yards (Inc.).
Oklahoma, Okla.....	Oklahoma National Stock Yards Co.
Omaha, Nebr.....	Union Stock Yards Co. of Omaha (Ltd.).
Philadelphia, Pa.....	West Philadelphia Stock Yards Co.
Pittsburgh, Pa.....	Pittsburgh Union Stock Yards Co.
Portland, Ore.....	Portland Union Stock Yards Co.
Richmond, Va.....	Richmond Union Stock Yards Co.
San Antonio, Tex.....	Union Stock Yards, San Antonio.
Seattle, Wash.....	Union Stock Yards Co. of Seattle.
Sioux City, Iowa.....	The Sioux City Stock Yards Co.
Sioux Falls, S. Dak.....	The Sioux Falls Stock Yards Co.
South St. Joseph, Mo.....	The St. Joseph Stock Yards Co.
South St. Paul, Minn.....	St. Paul Union Stockyards Co.
Spokane, Wash.....	Spokane Union Stock Yards Co.
Washington, D. C.....	Union Stock Yards, Benning.
Wheeling, W. Va.....	Union Stock Yards.
Wichita, Kans.....	The Wichita Union Stockyards Co.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Live-Stock Quarantine Law.

Chicago, Burlington & Quincy Co. (2 cases), \$200 fines and costs.
Chicago, Rock Island & Pacific Railway Co., \$100 fine and costs.
Mobile & Ohio Railroad Co., \$100 fine and costs.
Louisiana Railway & Navigation Co., \$100 fine and costs.
Ray Buchanan, \$255 fine.
Toledo & Ohio Railway Co., \$100 fine and costs.

Twenty-eight-Hour Law.

Chicago, Burlington & Quincy Railroad Co. (18 cases), \$1,800 fines and costs in 2 cases.
Louisville & Nashville Railroad Co. (19 cases), \$2,200 fines.
Wabash Railway Co., \$100 fine.
Chicago, Milwaukee & St. Paul Co. (4 cases), \$400 fines.
Pennsylvania Railroad Co. (14 cases), \$1,525 fines.
Union Pacific Railroad Co., \$100 fine.
Atchison, Topeka & Santa Fe Railway Co. (5 cases), \$500 fines.
Missouri, Kansas & Texas Railway Co. (23 cases), \$2,300 fines.
Chicago, Rock Island & Pacific Railway Co. (6 cases), \$600 fines.
Cincinnati, New Orleans & Texas Pacific Railway Co. (6 cases), \$1,000 fines.
Chicago & Northwestern Railway Co., \$100 fine.
Kansas City, Mexico & Orient Railroad Co. (5 cases), \$500 fines.
Houston & Texas Central Railroad Co. (2 cases), \$200 fines.
Texas & Pacific Railway Co., \$100 fine.
Seaboard Air Line Railway Co., \$100 fine.
Atlantic Coast Line Railroad Co. (14 cases), \$1,400 fines.
St. Louis-San Francisco Railway Co. (11 cases), \$1,100 fines.
New York Central Railroad Co. (4 cases), \$400 fines.
Southern Railway Co. (5 cases), \$500 fines.
Cleveland, Cincinnati, Chicago & St. Louis Railway Co. (5 cases), \$500 fines.
Pittsburgh, Cincinnati, Chicago & St. Louis Railway Co. (5 cases), \$525 fines.
Baltimore & Ohio Railroad Co., \$100 fine.
Georgia Southern & Florida Railway Co. (4 cases), \$400 fines.
Receiver, Missouri, Kansas & Texas Railway of Texas, \$100 fine.
Chicago Great Western Railroad Co., \$100 fine.
St. Joseph Belt Railway, \$100 fine.

Meat-Inspection Law.

Frank Ridgway, Jacobstown, N. Y., \$20 fine.

NEW PUBLICATIONS OF THE BUREAU.

[The bureau keeps no general mailing list for sending publications to individual employees. When a new publication is issued one or more copies are usually sent to each officer in charge of a station. If additional copies are desired for distribution to members of the force or for other use they will be sent on request, if possible. Individual employees who wish to obtain any of the publications listed here should apply first to the local officer in charge. If he has no extra copies, application may then be made to the Washington office.]

Department Bulletin 954. Wintering and Summer Fattening of Steers in North Carolina. By F. W. Farley and F. T. Peden, Animal Husbandry Division, and R. S. Curtis, North Carolina Agricultural Experiment Station. Pp. 18, figs. 6.

Farmers' Bulletin 528. Hints to Poultry Raisers. By Harry M. Lamon, Animal Husbandry Division. Second revision. Pp. 12, figs. 4.

Farmers' Bulletin 876. Making Butter on the Farm. By William White, Dairy Division. Revision. Pp. 24, figs. 18.

Farmers' Bulletin 1200. Tuberculosis of Fowls. By Bernard A. Gallagher, Pathological Division. Pp. 11, figs. 2.

Department Circular 129 (Revised). Milk for the Family. Contribution from the Dairy Division and Office of Home Economics. Pp. 4, figs. 2.

Secretary Circular 128 (Revised). Regulations Governing Entrance to the Veterinary-Inspector Examination. Effective on and after July 1, 1921. Pp. 11.

Carbon Tetrachlorid for the Removal of Parasitic Worms, Especially Hookworms. By Maurice C. Hall, Zoological Division. In Journal of Agricultural Research, Vol. XXI, No. 2. April 15, 1921. A-58. Pp. 157 to 175, inclusive.

A Constant-Temperature Bath for Heating Blood Serum. By R. R. Henley, Biochemic Division. In Journal of Agricultural Research, Vol. XXI, No. 8. July 15, 1921. A-59. Pp. 541 to 544, inclusive.

A Souring of Beef Caused by *Bacillus Megatherium*. By Hubert Bunyea, Pathological Division. In Journal of Agricultural Research, Vol. XXI, No. 9. August 1, 1921. A-60. Pp. 689 to 698, inclusive.

Amendment 2 to B. A. I. Order 271, quarantining Taylor County, Ga., on account of splenetic, southern, or Texas fever in cattle. P. 1.

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